

**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 10/22/2013**

*HMS*  
*NMJ*

**Instrument Serial Number: 010522**

**As of 22-Oct-13**

Maintenance Date	Certification Date	Technician Initials	Remarks
22-Oct-13	02-Aug-13	HMS (18910)	REPLACED UPS BACK-UP BATTERY.
02-Aug-13	02-Aug-13	SED (24178)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED. REPLACED DRY GAS STANDARD.
11-Feb-13	11-Feb-13	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
29-Aug-12	29-Aug-12	HMS (18910)	CERTIFIED
14-Mar-12	14-Mar-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
26-Sep-11	26-Sep-11	HMS (18910)	CERTIFIED
05-Apr-11	05-Apr-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
19-Oct-10	19-Oct-10	HMS (18910)	CERTIFIED
09-Jul-10	09-Jul-10	HMS (18910)	MOVED INSTRUMENT TO NEW LOCATION, CERTIFIED
04-May-10	04-May-10	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
12-Nov-09	12-Nov-09	NMJ (22392)	CERTIFIED.
11-Jun-09	11-Jun-09	HMS (18910)	CERTIFIED.
12-Mar-09	12-Mar-09	HMS (18910)	CERTIFIED.
05-Mar-09	05-Mar-09	NMJ (22392)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
30-Jan-09	30-Jan-09	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

INTOX EC/IR II  
Quality Assurance Worksheet

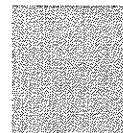
Handwritten initials/signature in the top right corner.

Instrument Serial Number 010522 Worksheet Start Date 10/22/2013  
Location Culpeper Police Department  
Address 740 Old Brandy Rd., Culpeper, VA 22701  
DFS Technician Heather Stanton License No. 18910  
☐ Laboratory ☒ On-Site

Site Specifications

	Yes	No
<b>1 Secured Environment:</b> Location must not be accessible to the general public.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>2 Environment free from contaminants</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>3 Dedicated telephone line:</b> The phone line should be used solely by the instrument.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>4 Adequate Ventilation:</b> Enough space must be provided for the instrument and the printer to allow for adequate ventilation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>5 Stable temperature controls:</b> The instrument should not be exposed to direct sources of temperature variation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>6 115VAC power source:</b> Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>7 Room Condition:</b> The site should be free of excessive moisture, heat and dust.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

E-Seek	Old serial no.	New serial no.	Supplies
Keyboard			Mouthpieces
Printer			Certificates of Analysis
UPS	8b0740r19856	jb0802016562	Operator Worksheet
			Other:



Maintenance (if any)  
Replaced UPS back-up battery.

Comments (if any)

Instrument Serial Number 010522

Certification Date

Instrument Barometer (mm HG) 748

Reference Barometer (mm HG)

749

Reference Barometer(RB)Serial # 009113

RB Calibration Due

5/8/2014

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.250		0.000	0.000	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.150		0.000	0.000	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.080		-0.003	0.003	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.020		-0.003	0.003	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☐ Certified☐ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG226201-16

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.099
0.100	0.098	0.095	0.101	<b>Sample 2</b>	0.099
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.099
0		0.099	0.099		

DFS Technician

*Heath W Stark*

Date

10/23/13

Issuing Analyst

*Michael Kennedy*

Date

10/28/13

Intox EC/IR II QA Worksheet  
 Issued by Calibration and Training Program Manager  
 Issue Date: 4-March-2013

DFS Document 250-F113  
 Revision 6  
 Page 2 of 2




COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

Handwritten initials: HWS, NWS

NAME OF ACCUSED <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>STANTON, HEATHER, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>18910</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>10/22/2013</b>
TEST EQUIPMENT NUMBER <b>010522</b>		

RESULTS: TIME SAMPLE TAKEN 10:15 EDT  
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_  
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_  
OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 22 Oct 2013 at 15:48

HMS  
MSK

## Test Results

Instrument Serial Number 010522

Test # 001089

Subject Test

Test Location 1 Department of

Test Date 22 Oct 2013

Test Location 2 Forensic Science

Test Time 10:09

Test Location 3

System Check Passed

Remote/Local Local

Operator's Last Name STANTON

Operator's First Name HEATHER

Operator's Middle Initial M

Agency DFS Central Lab

License Number 18910

Card Serial Number 118910

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 22 Oct 2013

End Time 10:16

Result Time 10:15

Result Date 22 Oct 2013

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 10:09

Data Type BLK

Sample Value 0.000

Sample Time 10:10

Data Type CHK

Sample Value 0.101

Sample Time 10:11

Data Type BLK

Sample Value 0.000

Sample Time 10:12

Data Type SUBJ

Sample Value 0.000

Sample Time 10:12

Data Type BLK

Sample Value 0.000

Sample Time 10:13

Data Type SUBJ

Sample Value 0.000

Sample Time 10:15

Data Type BLK

Sample Value 0.000

Sample Time 10:16

Standard Type Dry Gas Std

Standard Value 0.098

Standard Lot Number AG226201-16

Standard Expiration Date 09/18/2014

Tank Pressure 281

Barometric Pressure 748 mmHg

Blow Sample Number 1

Blow Duration 3.54 sec

Blow Volume 1738 cc

End-of-Blow Time 10:12

Blow Sample Number 2

Blow Duration 3.88 sec

Blow Volume 1791 cc

End-of-Blow Time 10:15

Tamper Evident Stamp 4045a4c2

Test Status Code 0

Test Status Success

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010522      Test Number: 1090

Test Date: 10/22/2013      Test Time: 10:18 EDT

Dry Gas Target: 0.098

Lot Number: AG226201-16      Exp Date: 09/18/2014

Tank Pressure: 276 psi      Barometric Pressure: 748 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:19
CHK	0.100	10:20
BLK	0.000	10:21
CHK	0.100	10:22
BLK	0.000	10:23
CHK	0.100	10:24

Test Status: *Success*

Calibration CRC: C7693BF3

HMS  
MSK

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010522      Test Number: 1091

Test Date: 10/22/2013      Test Time: 10:27 EDT

Dry Gas Target: 0.295

Lot Number: AG322702-01      Exp Date: 08/15/2015

Tank Pressure: 414 psi      Barometric Pressure: 748 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:27
CHK	0.300	10:28
BLK	0.000	10:30
CHK	0.300	10:31
BLK	0.000	10:32
CHK	0.299	10:33

Test Status: *Success*

Calibration CRC: C7693BF3

- Downloaded
- powered off
- Replaced UPS
- powered on

HMS  
10-28-13

thms

NSK

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010522      Test Number: 1092

Test Date: 10/22/2013      Test Time: 10:54 EDT

Dry Gas Target: 0.295

Lot Number: AG322702-01      Exp Date: 08/15/2015

Tank Pressure: 409 psi      Barometric Pressure: 748 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	10:55
CHK	0.299	10:56
BLK	0.000	10:57
CHK	0.298	10:58
BLK	0.000	11:00
CHK	0.298	11:01

Test Status: *Success*

Calibration CRC: C7693BF3



HIO  
MSK

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010522      Test Number: 1093

Test Date: 10/22/2013      Test Time: 11:03 EDT

Dry Gas Target: 0.098

Lot Number: AG226201-16      Exp Date: 09/18/2014

Tank Pressure: 262 psi      Barometric Pressure: 748 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:04
CHK	0.099	11:05
BLK	0.000	11:06
CHK	0.099	11:07
BLK	0.000	11:08
CHK	0.099	11:09

Test Status: *Success*

Calibration CRC: C7693BF3




COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

AMS  
RUSK

NAME OF ACCUSED <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>STANTON, HEATHER, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>18910</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>10/22/2013</b>
TEST EQUIPMENT NUMBER <b>010522</b>		

RESULTS: TIME SAMPLE TAKEN 11:17 EDT  
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

BREATH TEST OPERATOR

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SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_  
OPERATOR'S SIGNATURE



Handwritten initials: *AMC*  
*MSK*

Test Results

Instrument Serial Number 010522

Test # 001094 Subject Test

Test Location 1 Department of  
Test Date 22 Oct 2013

Test Location 2 Forensic Science  
Test Time 11:11  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name STANTON  
Agency DFS Central Lab  
Card Serial Number 118910  
Subject's Last Name INSTRUMENT  
Subject's Middle Initial  
Driver's License Number

Operator's First Name HEATHER  
License Number 18910  
Effective Date 10/01/2012  
Expiration Date 10/01/2014  
Subject's First Name TEST  
Subject's Date of Birth 00/00/0000  
Subject's Sex Male

Driver's License State

Driver's License Expiration 00/00/0000  
Court Name DFS

End Date 22 Oct 2013 End Time 11:18

Result Time 11:17

Result Date 22 Oct 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 11:11

Data Type BLK

Sample Value 0.000

Sample Time 11:12

Data Type CHK

Sample Value 0.099

Sample Time 11:13

Data Type BLK

Sample Value 0.000

Sample Time 11:14

Data Type SUBJ

Sample Value 0.000

Sample Time 11:15

Data Type BLK

Sample Value 0.000

Sample Time 11:16

Data Type SUBJ

Sample Value 0.000

Sample Time 11:17

Data Type BLK

Sample Value 0.000

Sample Time 11:18

Standard Type Dry Gas Std

Standard Value 0.098

Standard Lot Number AG226201-16

Standard Expiration Date 09/18/2014

Tank Pressure 252

Barometric Pressure 748 mmHg

Blow Sample Number 1 Blow Duration 3.58 sec

Blow Volume 1743 cc End-of-Blow Time 11:15

Blow Sample Number 2 Blow Duration 3.73 sec

Blow Volume 1740 cc End-of-Blow Time 11:17

Tamper Evident Stamp dfa84709

Test Status Code 0

Test Status Success